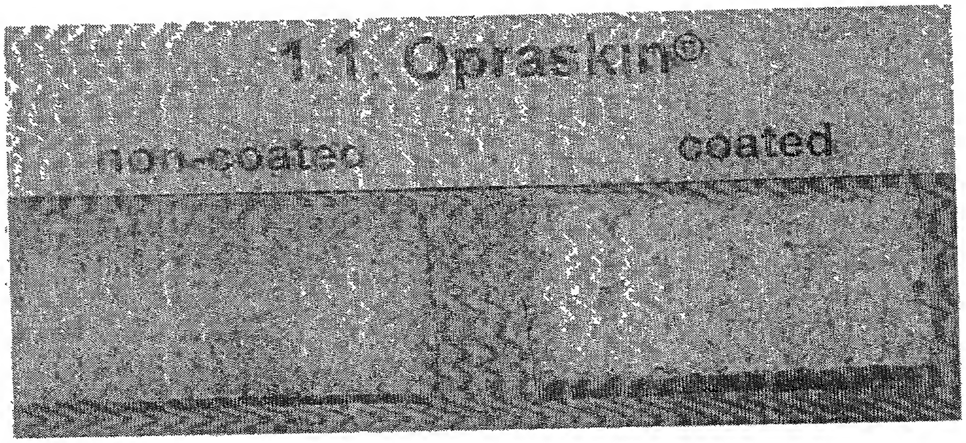
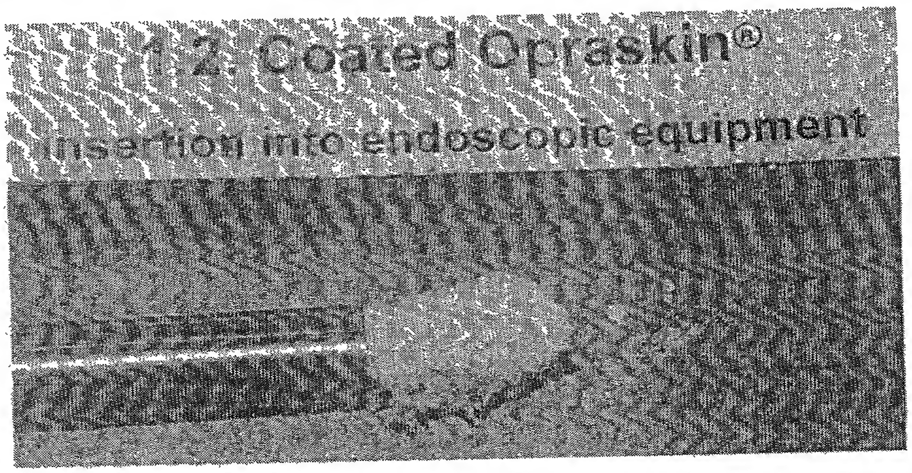
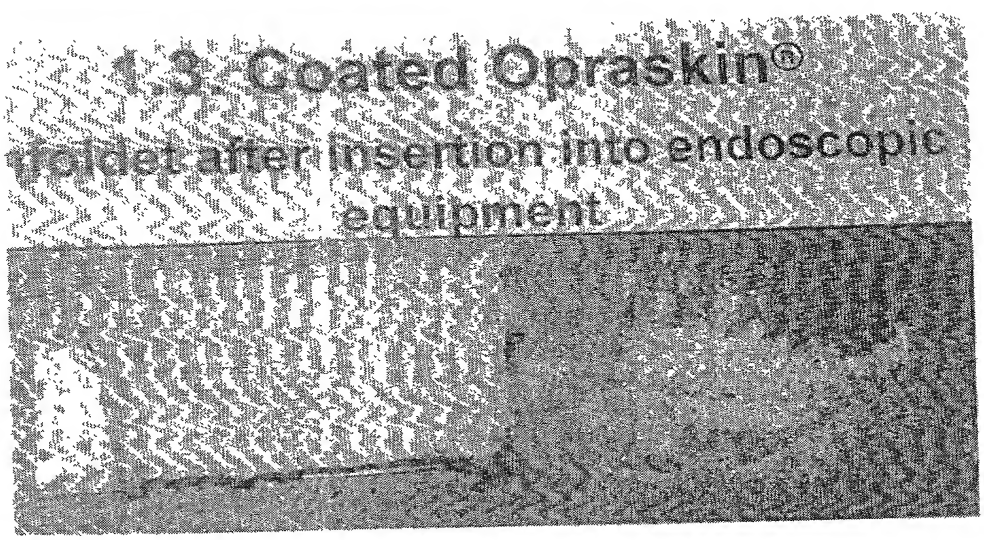
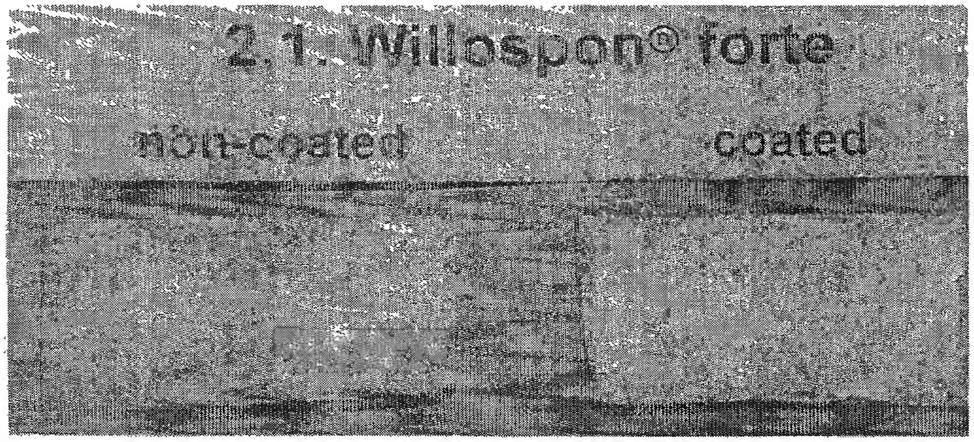
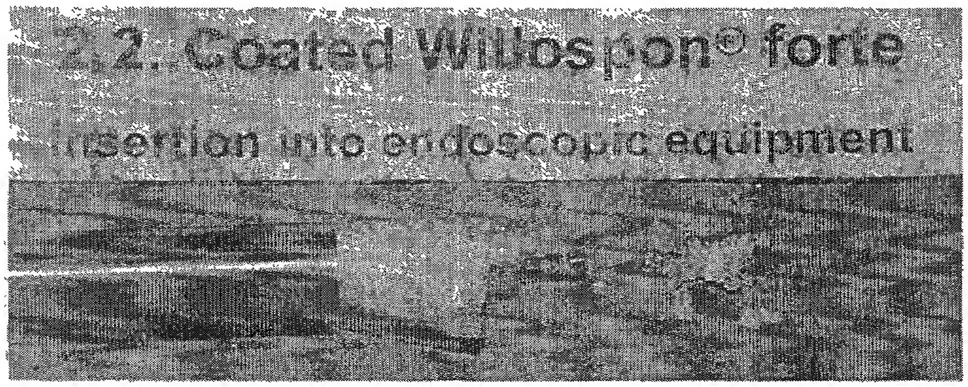
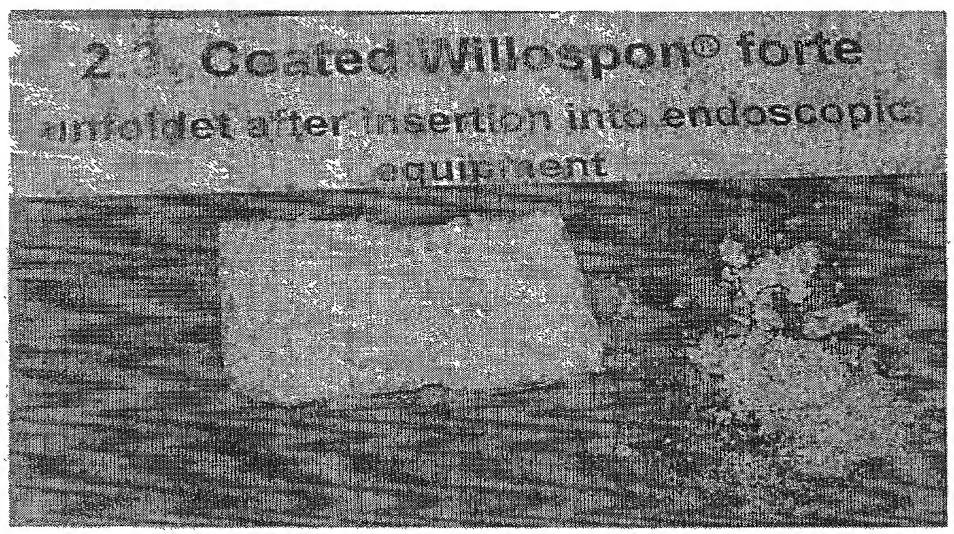


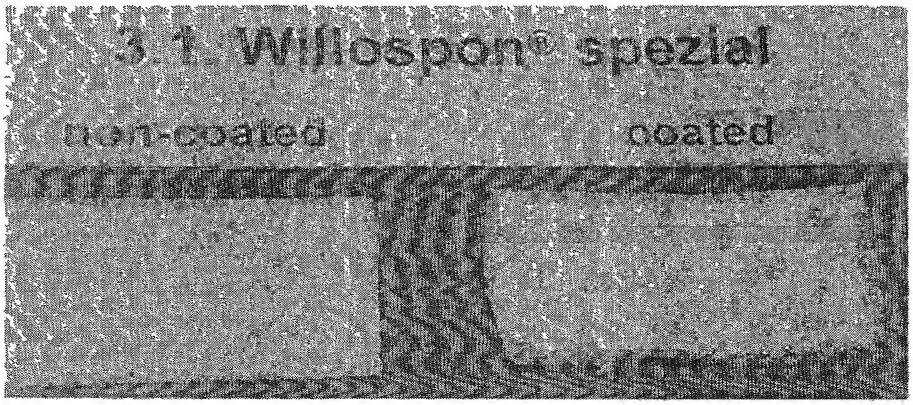


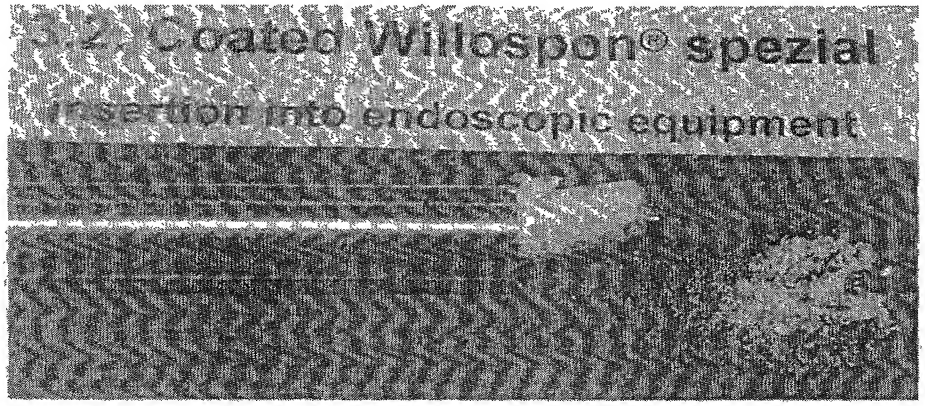


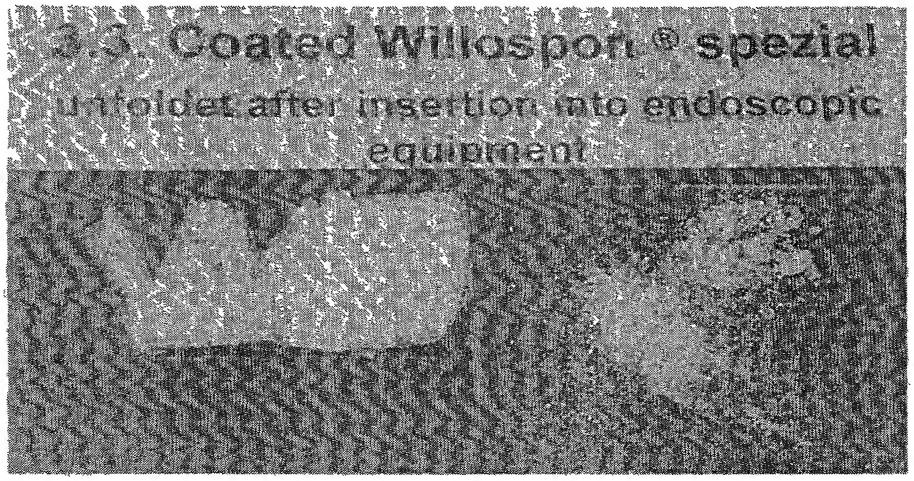


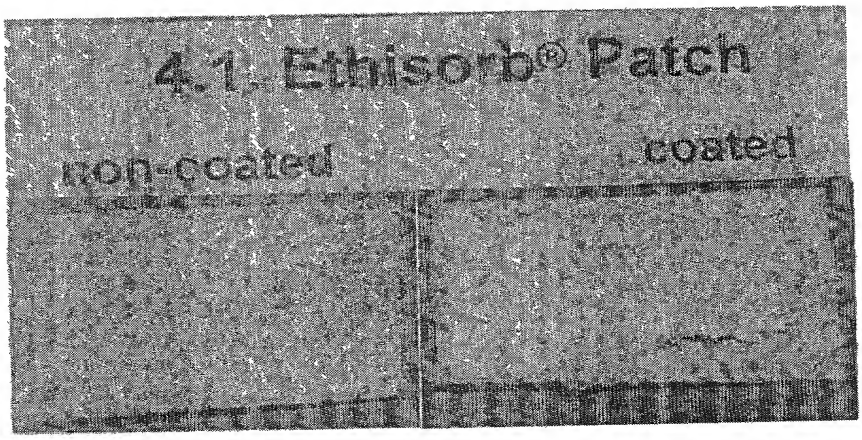


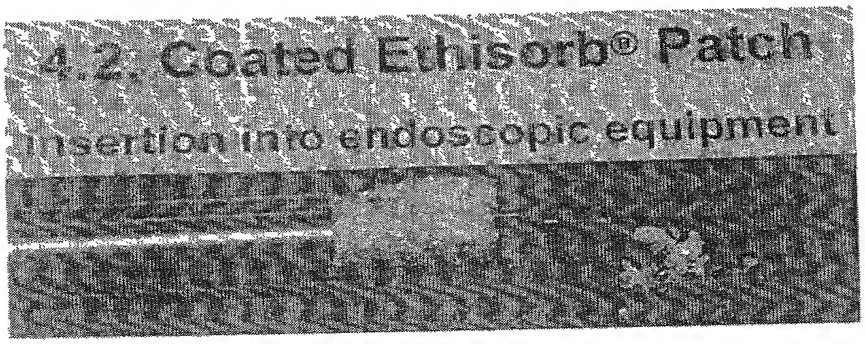


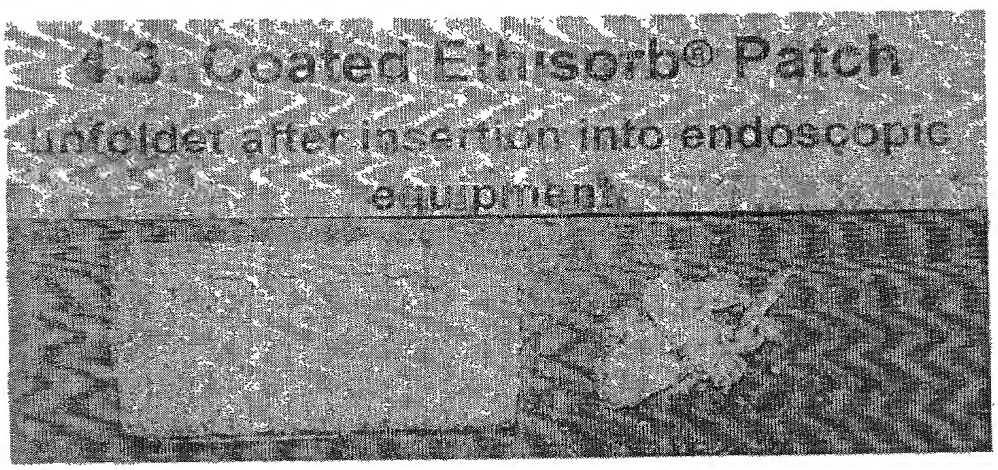


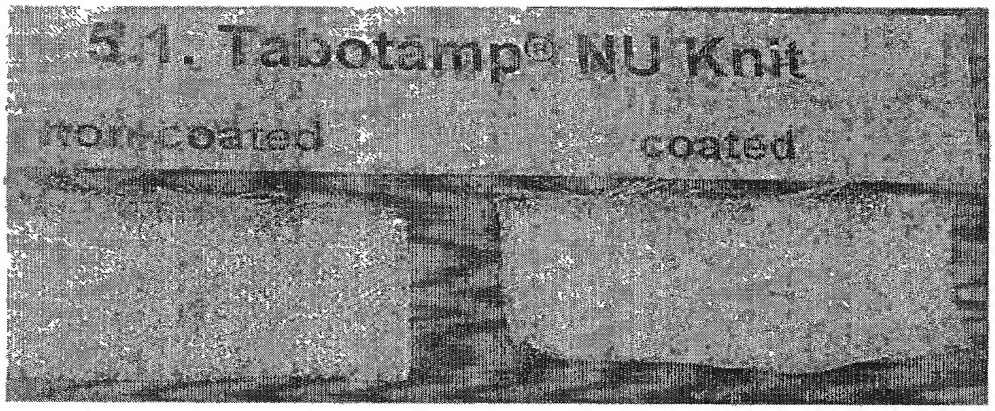


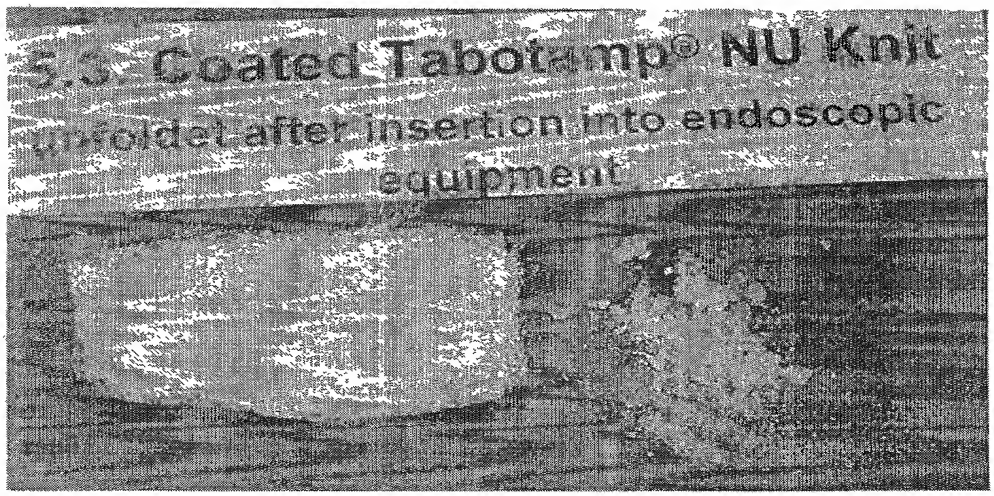


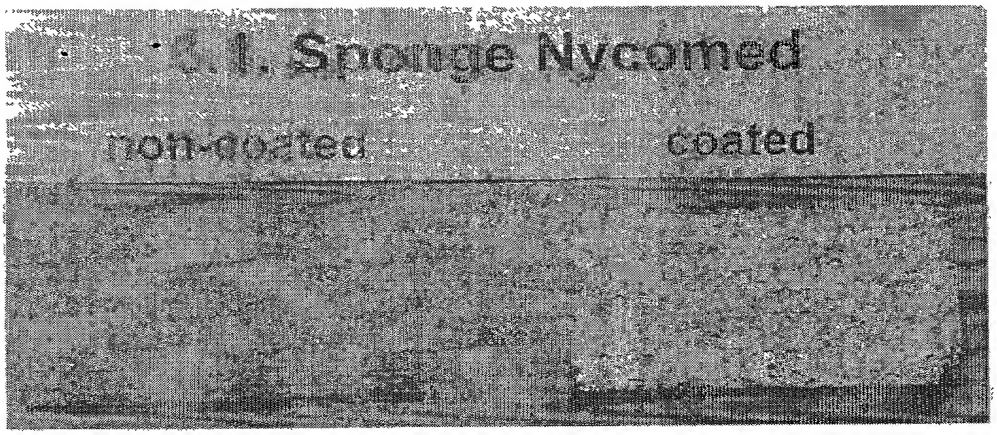


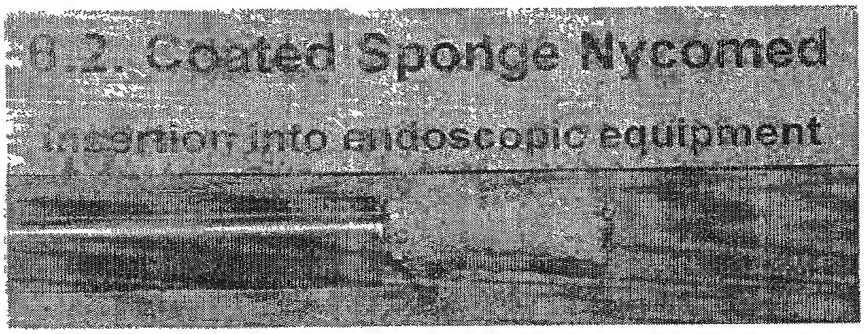


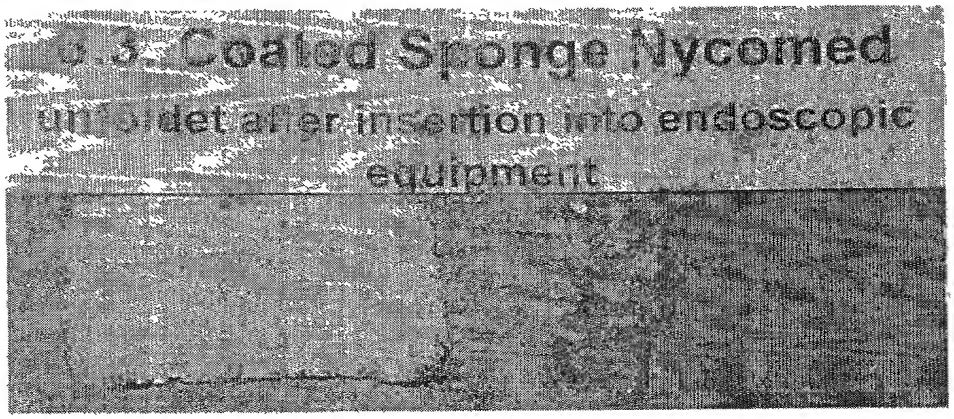


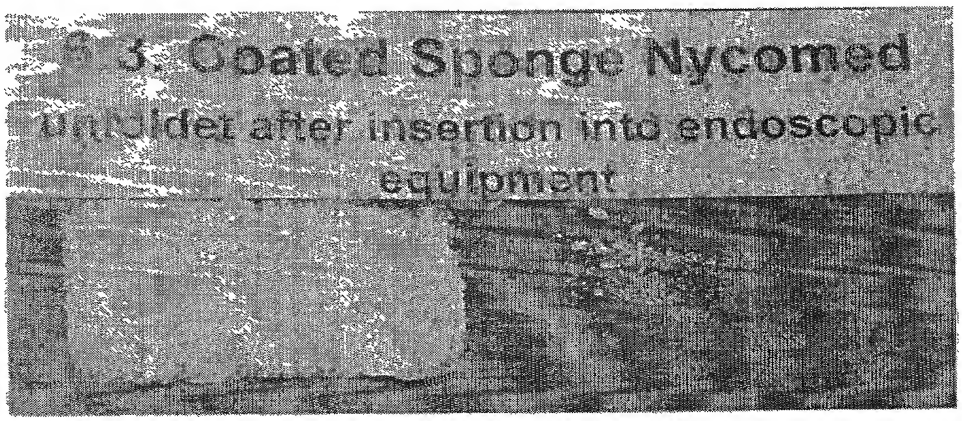












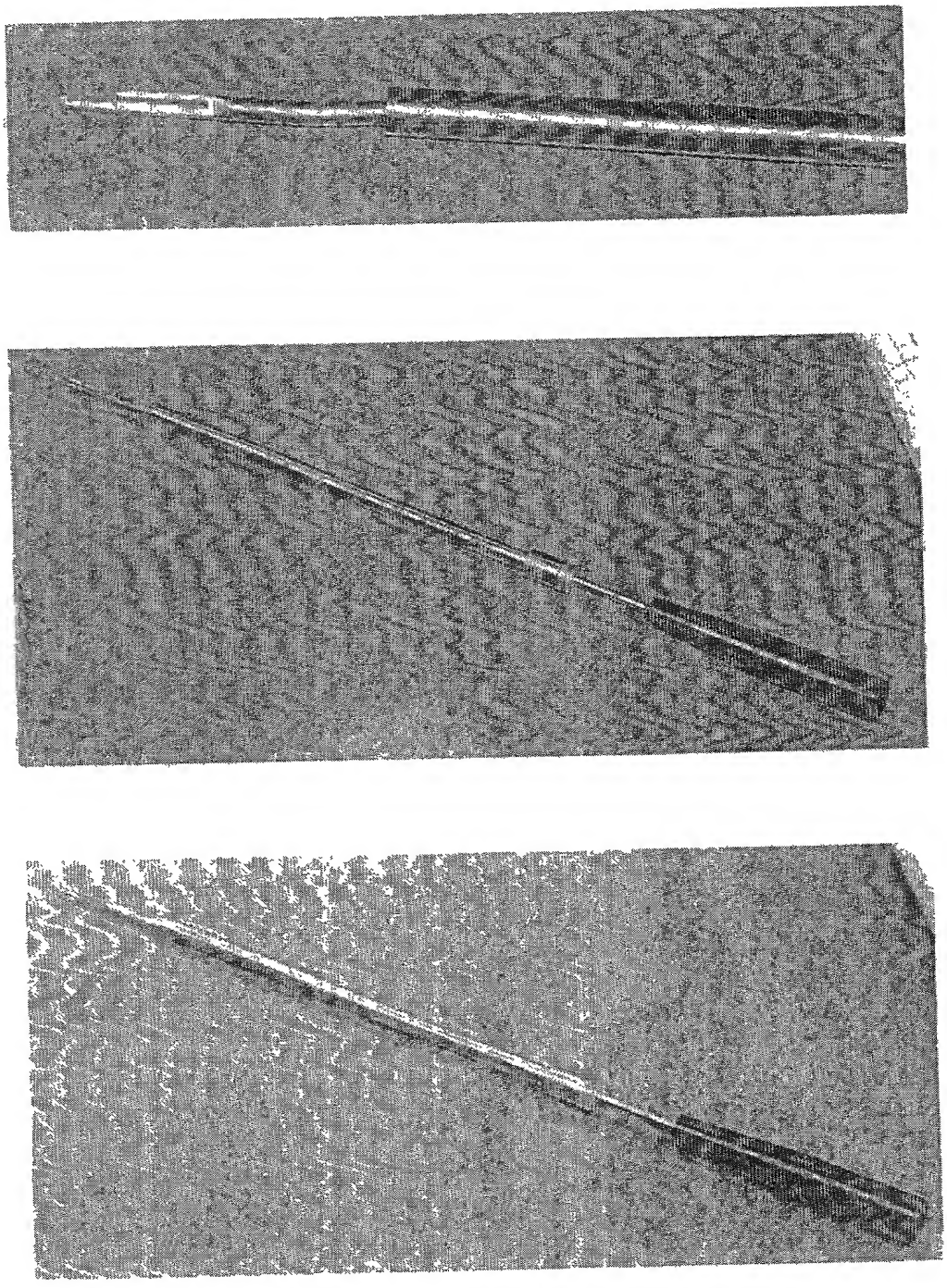


Fig. 7

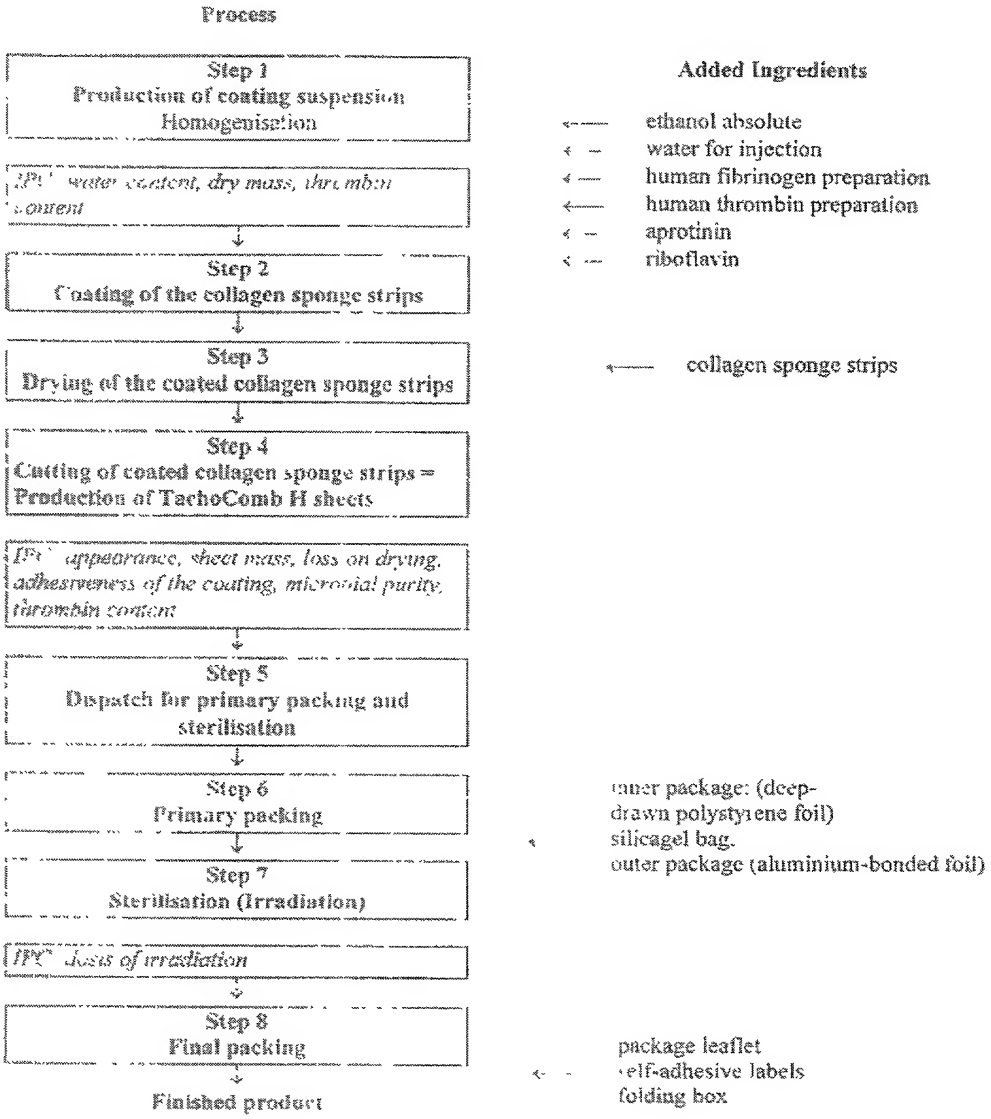
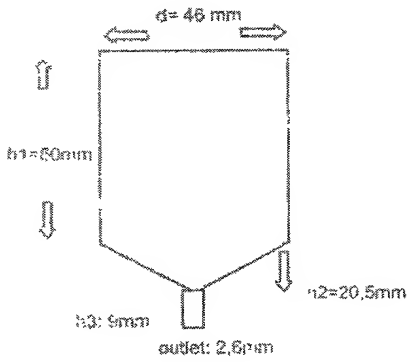

Process
Step 1
Production of coating suspension
Homogenisation
IPC water content, dry mass, thrombin content
Step 2
Coating of the collagen sponge strips
Step 3
Drying of the coated collagen sponge strips
Step 4
Cutting of coated collagen sponge strips = Production of TachoComb H sheets
IPC appearance, sheet mass, loss on drying, adhesiveness of the coating, microbial purity, thrombin content
Step 5
Dispatch for primary packing and sterilisation
Step 6
Primary packing
Step 7
Sterilisation (Irradiation)
IPC loss of irradiation
Step 8
Final packing
Finished product
Added Ingredients
ethanol absolute
water for injection
human fibrinogen preparation
human thrombin preparation
aprotinin
riboflavin
collagen sponge strips
inner package: (deep-drawn polystyrene foil)
silicagel bag.
outer package (aluminium-bonded foil)
package leaflet
self-adhesive labels
folding box

Fig. 8

1. High grade stainless steel
discharge volume: 110 ml



2. Plastic
discharge volume: 96 ml

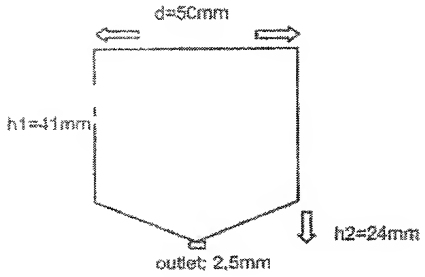


Fig. 9

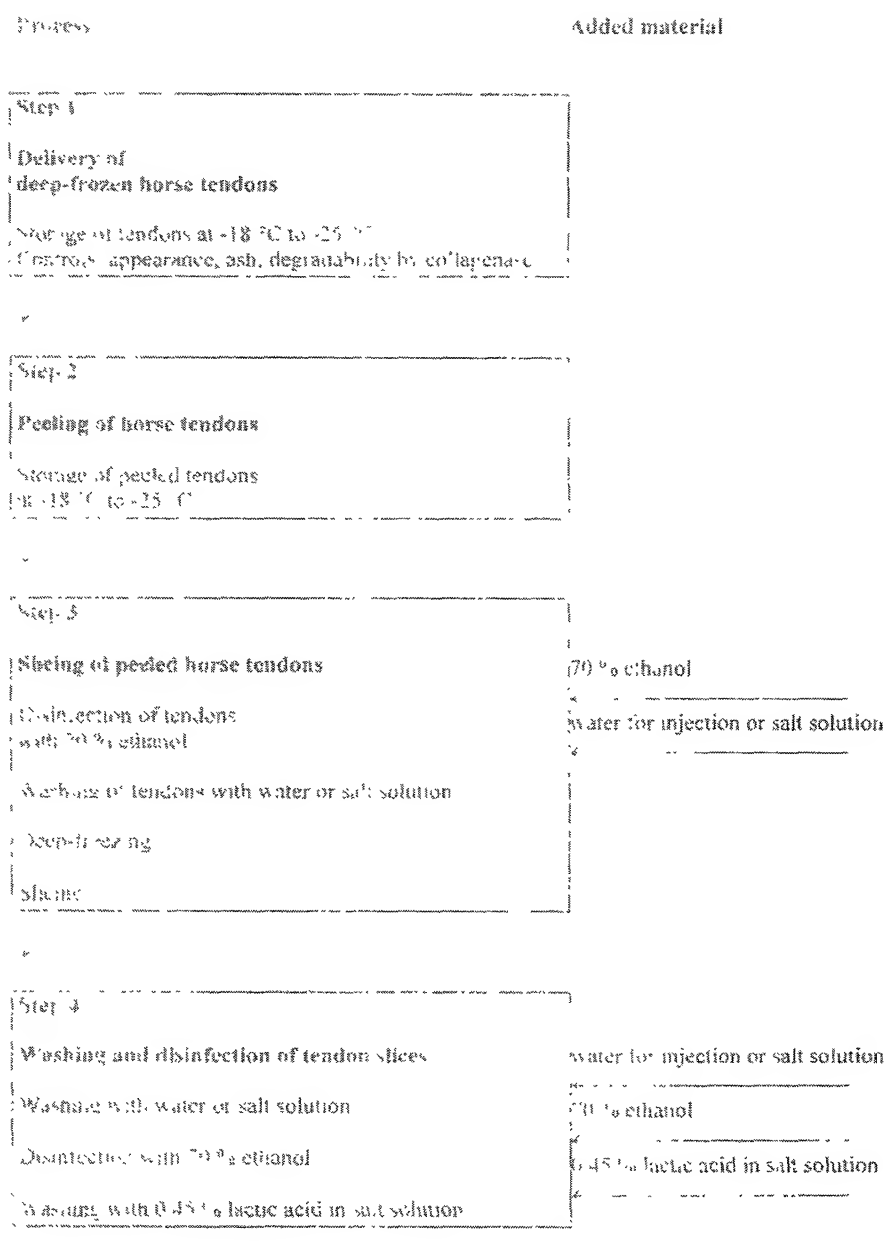

Process
Added material
Step 1
Delivery of
deep-frozen horse tendons
Storage of tendons at -18 °C to -25 °C
Control: appearance, ash, degradability by collagenase
Step 2
Peeling of horse tendons
Storage of peeled tendons
at -18 °C to -25 °C
Step 3
Slicing of peeled horse tendons
70 % ethanol
Disinfection of tendons
with 70 % ethanol
water for injection or salt solution
Washing of tendons with water or salt solution
Deep-freezing
Slicing
Step 4
Washing and disinfection of tendon slices
water for injection or salt solution
Washing with water or salt solution
70 % ethanol
Disinfection with 70 % ethanol
0.45 % lactic acid in salt solution
Washing with 0.45 % lactic acid in salt solution

FIG. 10

Process (continued)	Added material
Step 5 Production of collagen gel	0.45 % lactic acid in salt solution
Soaking of tendon slices	0.45 % lactic acid in salt solution
Homogenisation of tendon slices	
Step 6 Foaming	sterile air
Whipping of air into the collagen gel	
Fractionation of the foam	
Homogenisation of the foam	
Step 7 Drying of collagen foam	NH_3
Draining of the foam	
Neutralisation of the foam with NH_3	
Drying of the foam	
Dry weight of dried collagen sponge blocks	
Step 8 Cutting of collagen sponge blocks to strips	
Dry weight of collagen sponge strips	
Step 9 Sorting the collagen sponge strips according to structural properties	

FIG. 11